

# Converting Colors

Hex(7B386D)

Have a look what the booklet for  
Hex(7B386D) contains.

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**Color**

**Hex(7B386D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B386D
RGB	123, 56, 109
RGB Percent	48%, 22%, 43%
CMY	0.5176, 0.7804, 0.5725
CMYK	0.00, 0.54, 0.11, 0.52
HSL	313°, 37%, 35%
HSV	313°, 54%, 48%
XYZ	12.3429, 8.1434, 15.3893
YIQ	82.0750, 22.9190, 30.6870

# Conversions

## Conversions Part 2

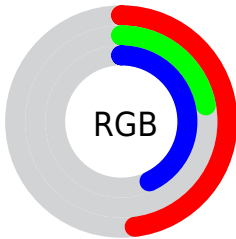
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 56, 109
Decimal	8075373
CIE <sub>Lab</sub>	34.28, 36.48, -17.49
CIE <sub>LCh</sub>	34, 40.453, 334.382
Yxy	8.1434, 0.3440, 0.2270
Android (android.graphics.Color)	4286265453 (0xFF7B386D)
YUV	82.0750, 13.2740, 35.8912
Hunter-Lab	28.5367, 27.2667, -11.9983

# Details

The Hex color **7B386D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **387B46**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B16AA1**, and **48033D** is the 20% darker color. If you saturate the color by 10%, you get **7B2C6A**, and if you desaturate by 10%, it is **7B4470**.

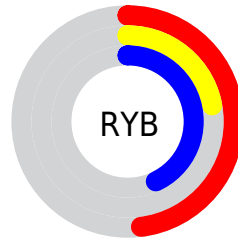
# Distribution



Red (48%)

Green (22%)

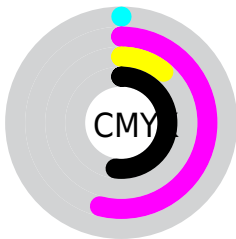
Blue (43%)



Red (48%)

Yellow (22%)

Blue (43%)

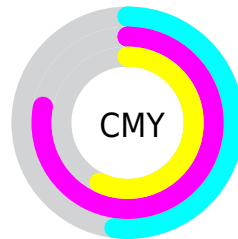


Cyan (0%)

Magenta (54%)

Yellow (11%)

Black (52%)



Cyan (52%)

Magenta (78%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B386D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7B386D by changing the saturation by 10% instead.



 7B386D

 7B386D

FFFFFF

 611F55

 B16AA1

 48033D

 CD84BC

 300027

 EA9FD8

 130011

 FFBAF4

 000000

 FFD6FF

 FFF3FF

 7B386D

 7B386D

 7B2C6A

 7B4470

■ 7B1F68

■ 7B5172

■ 7B1365

■ 7B5D75

■ 7B0763

■ 7B6977

■ 7B0061

■ 7B767A

■ 7B827C

■ 7B8E7F

■ 7B9A82

■ 7BA784

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



574686



7B386D



8A314D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7B386D



5D5106



005F74

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7B386D



387B46

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006055



7B386D



3B5916

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7B386D



764514



005E33



005B8A

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7B386D



8A3438



005E33



00606A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7B386D



A1879B



45387B



52424E



D1D1D1



525252



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7B386D



A1388B



7B384C



3D373C



7D0063



FC00C8



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7B386D



A1388B



387B67



3D373C



7D0063

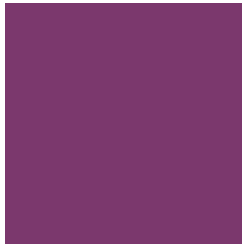


FC00C8



# Previews

## White Background



This preview shows how the Hex color 7B386D looks on a white background.

## Color Contrast Check

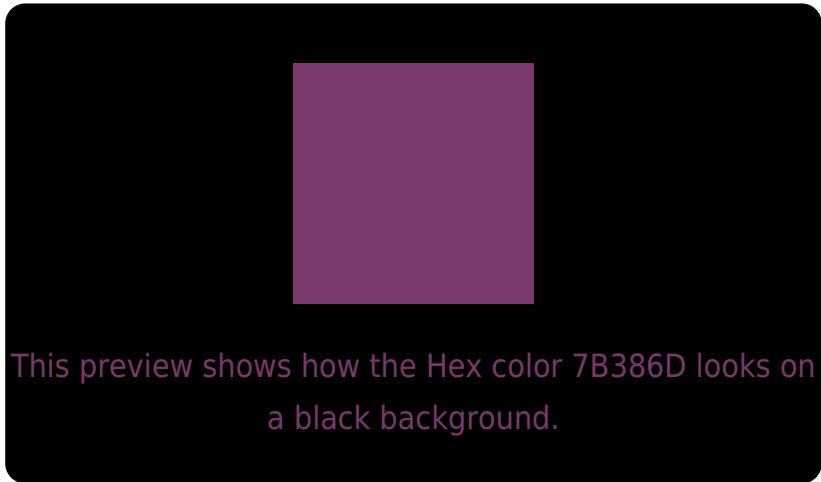
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

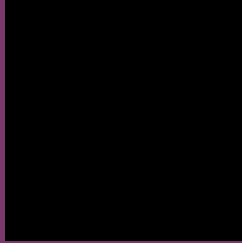
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B386D Background



This preview shows how black text looks on a background with the Hex color 7B386D.




This preview shows how white text looks on a background with the Hex color 7B386D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
774146

# Trichromacy



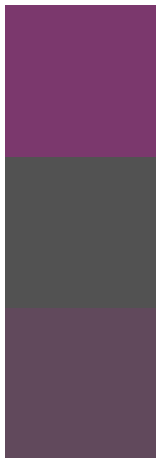
**Original Color**  
7B386D

**Protanomaly**  
554779

**Deuteranomaly**  
5E476A

**Tritanomaly**  
783E54

# Monochromacy



**Original Color**  
7B386D

**Achromatopsia**  
525252

**Achromatomaly**  
61495C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B386D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7B386D looks like.

```
.text, #text, p{  
    color:#7B386D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7B386D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B386D
}
```

## Border

The CSS property to change the border of an element to Hex 7B386D is called "border". The border property can be set on classes, ids or directly on the HTML element.

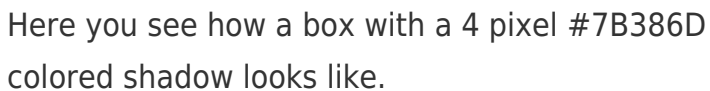
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7B386D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7B386D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #7B386D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B386D; -webkit-box-shadow:4px 4px  
4px 4px #7B386D; box-shadow:4px 4px 4px  
4px #7B386D }
```

# Background

The CSS property to change the background color of an element to Hex 7B386D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B386D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7B386D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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